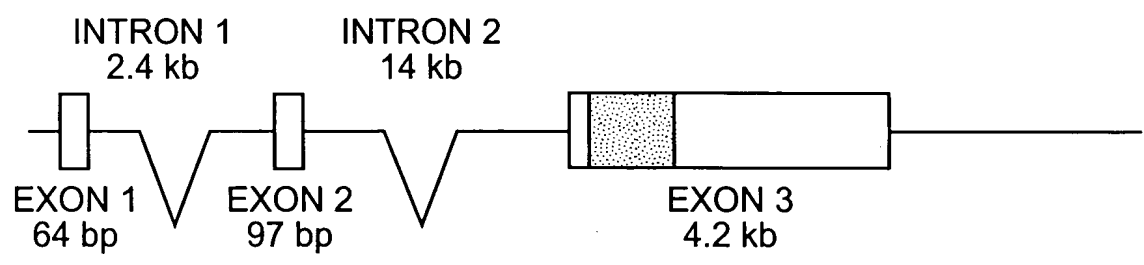


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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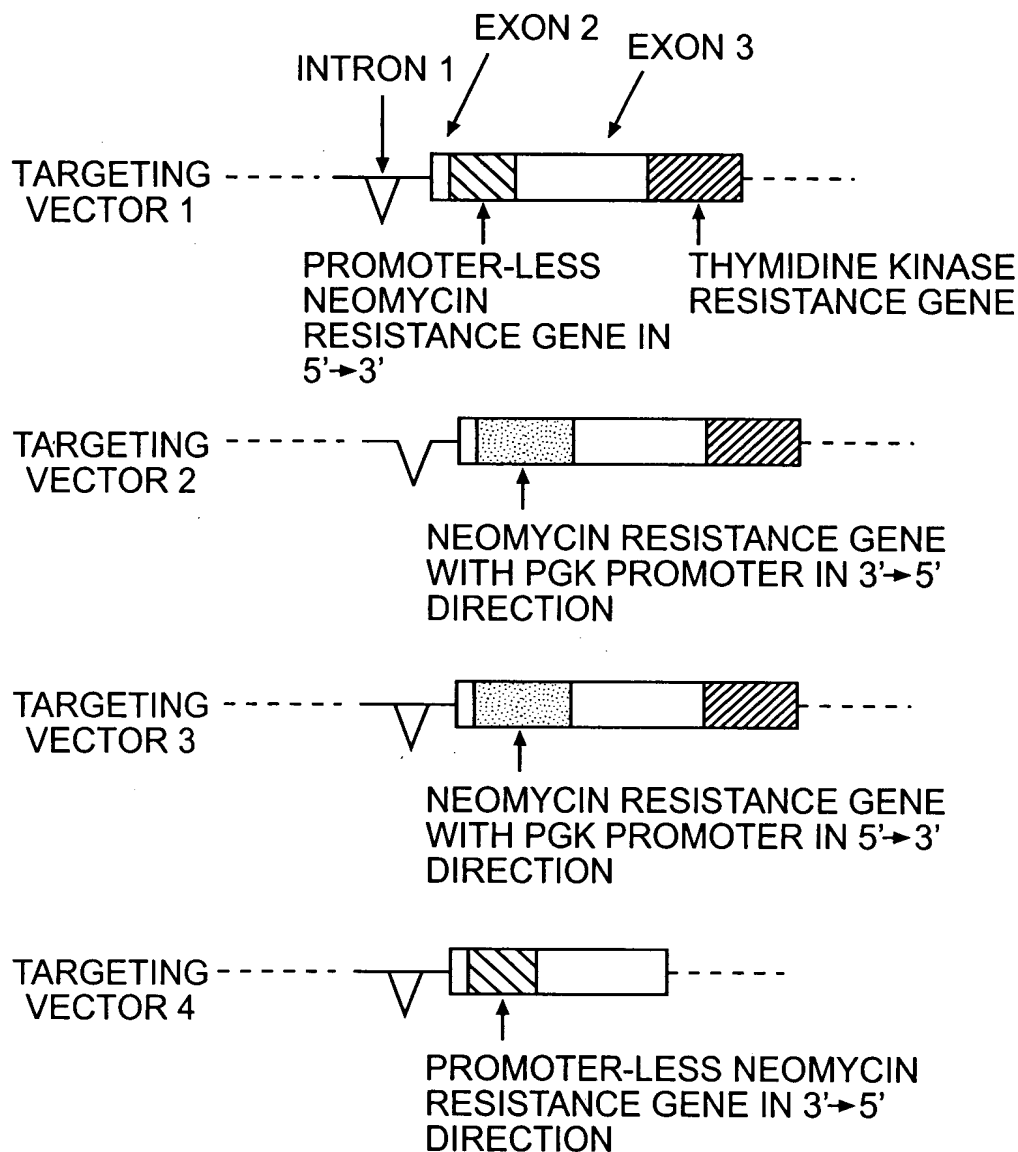
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U.S. Serial No. 09/816,546  
Filed March 26, 2001  
Inventors: Good et al.

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Sheet 1 of 11



**FIG. 1**

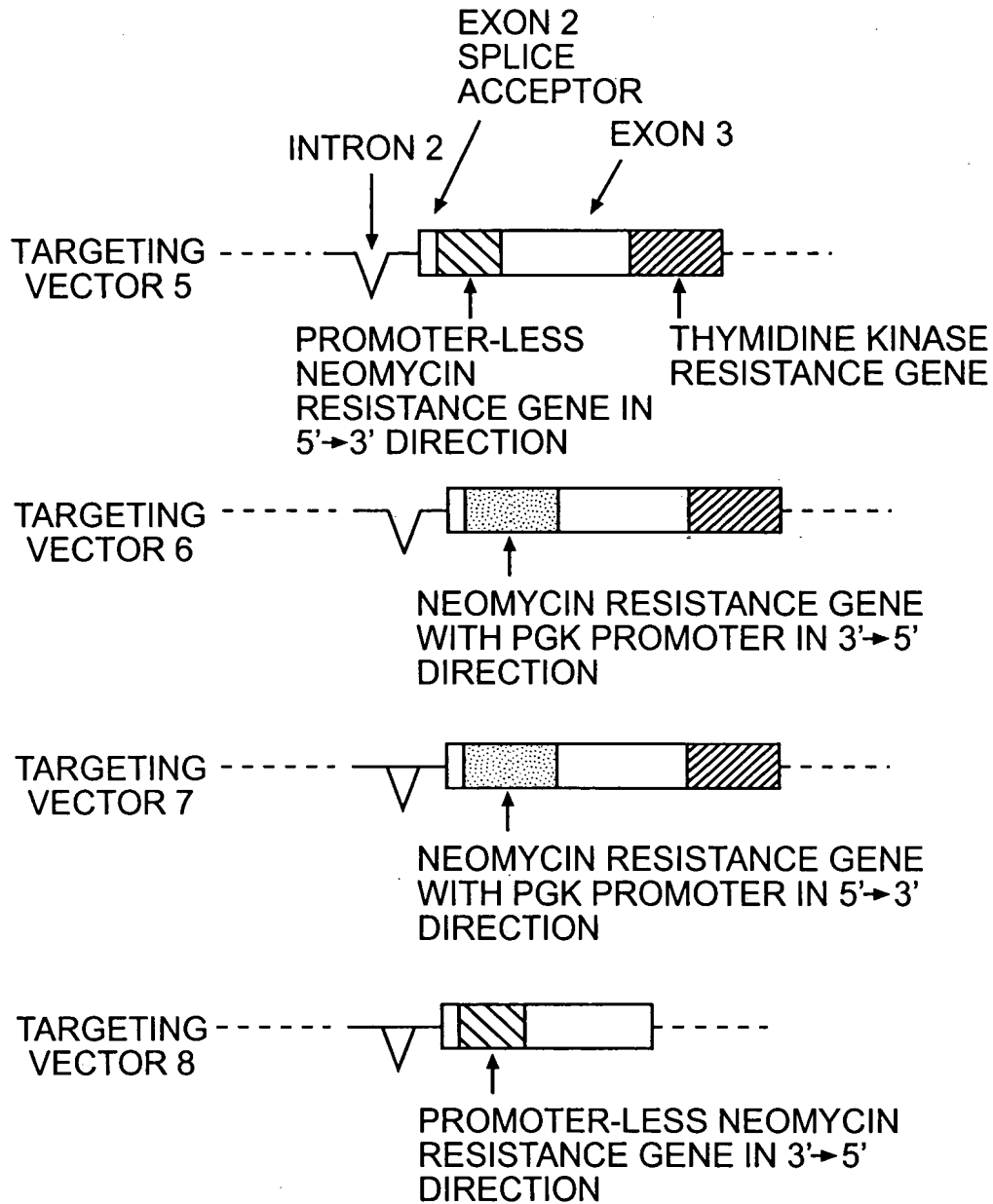
0016546-11001  
FIG. 1



**FIG. 2A**

09816546.1.1.2001

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**FIG. 2B**

09/816,546 "1.12.00.1

APPROVED	D.G. FIG.	
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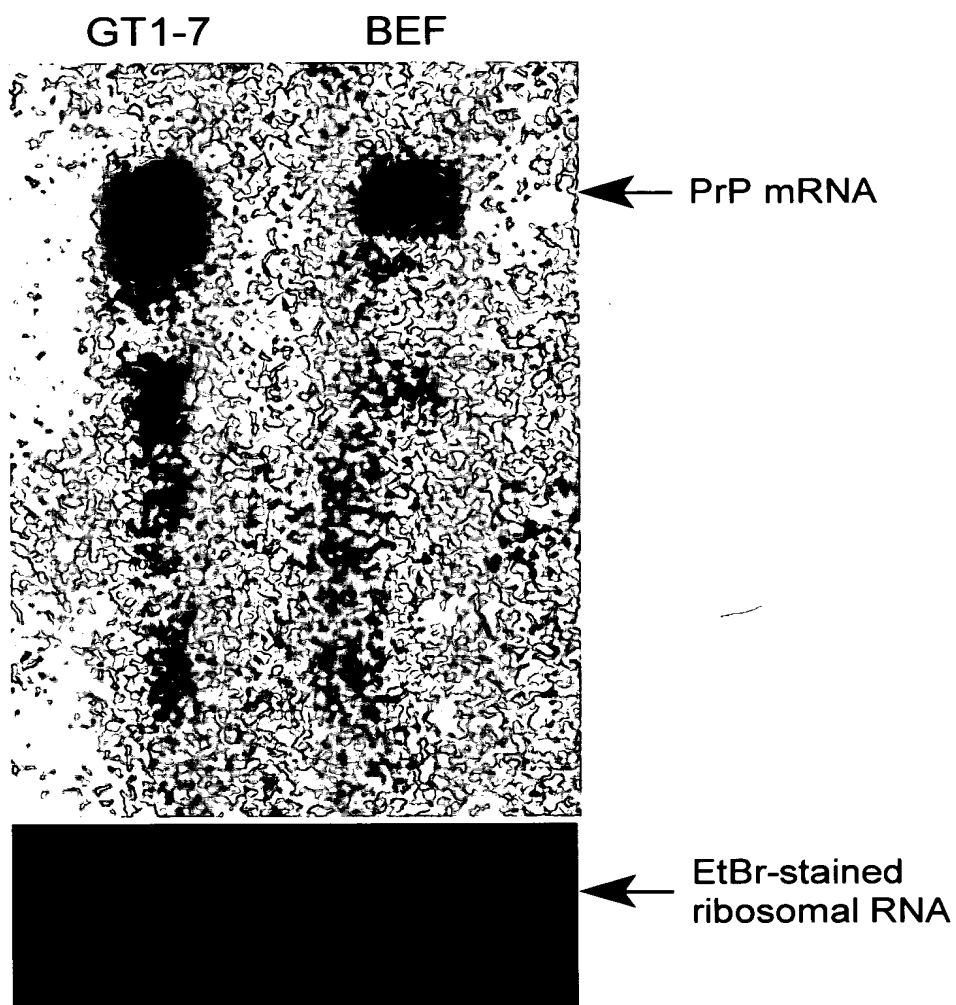


FIG. 3

09816546-112001



FIG. 5A

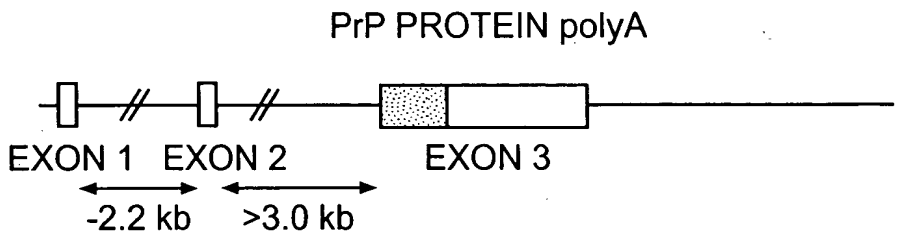


FIG. 5B

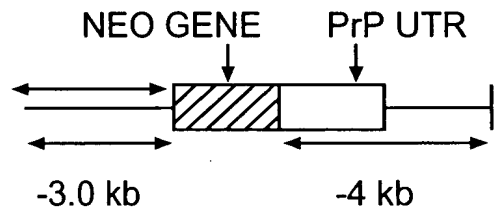


FIG. 5C



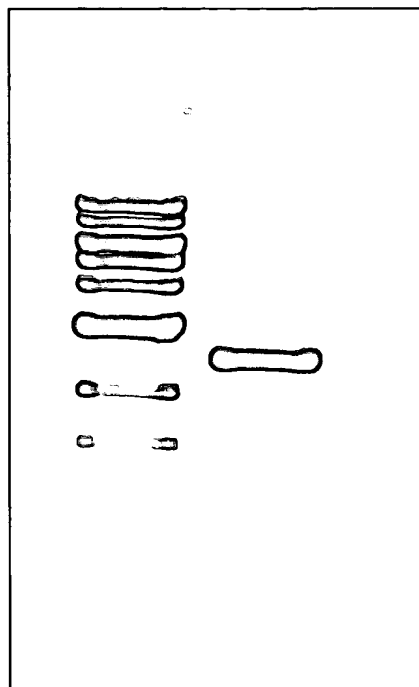
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APPROVED	D.G. FIG.	
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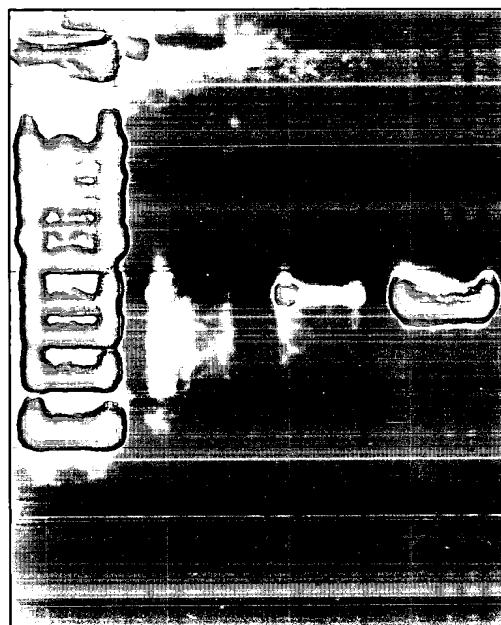
(703) 905-2000  
 G/ 1632  
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FIG. 6A



2.5 kb genomic DNA  
 which was used to  
 form the 5' flank of  
 targeting vector

FIG. 6B



2.1 kb genomic DNA which  
 was used to form the  
 3' flank of targeting vector

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APPROVED	D.G. FIG.	
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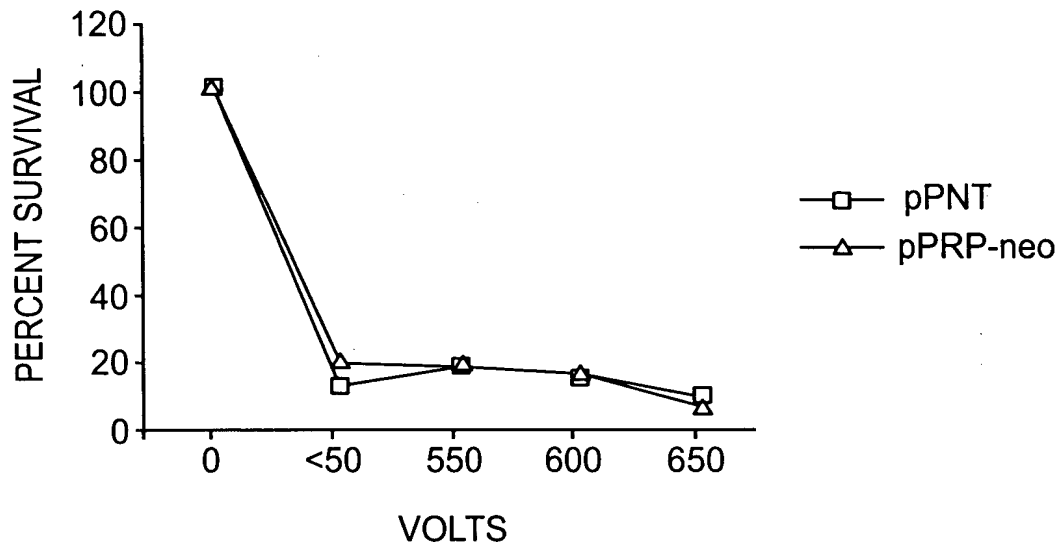
Pillsbury Winthrop LLP  
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 Filed: March 26, 2001  
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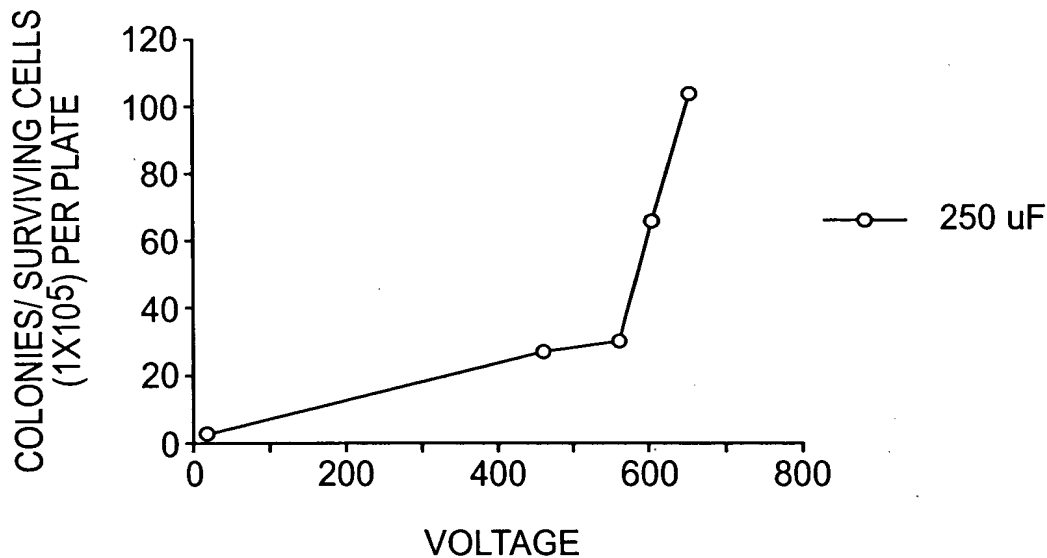
Sheet 8 of 11

# CELL SURVIVAL IN ELECTROPORATION OF BFF TRANSFECTED WITH pPNT AND pPRP.



**FIG. 7**

# ELECTROPORATION OF BFF TRANSFECTED WITH pPNT - SECOND EXPERIMENT



**FIG. 8**

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 "FIG. 7" sheet 8 of 11

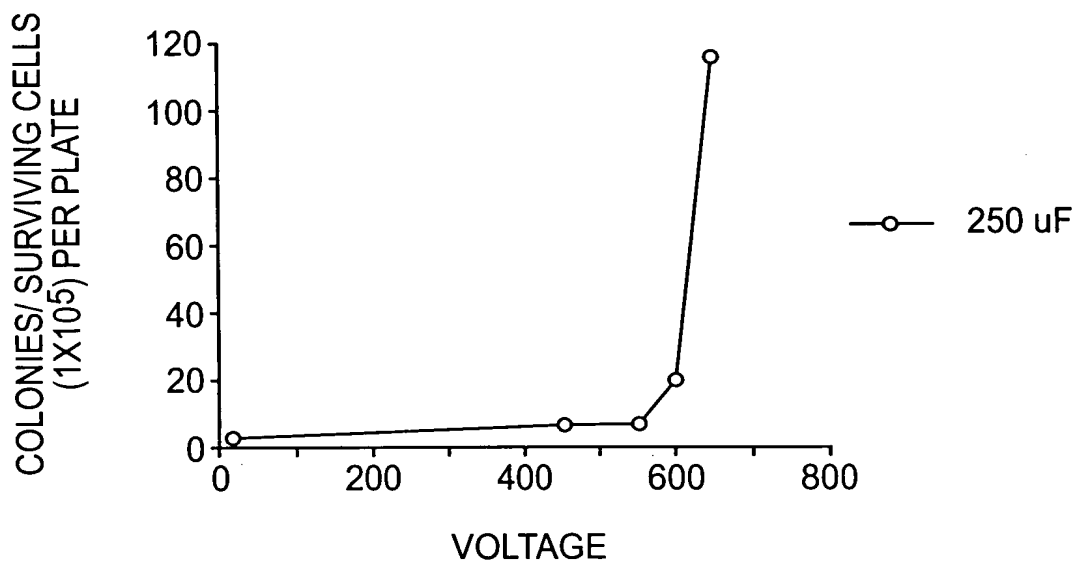


APPROVED	O.Q. FIG.	
BY	CLASS	SUBCLASS
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# ELECTROPORATION OF BFF TRANSFECTED WITH pPRP



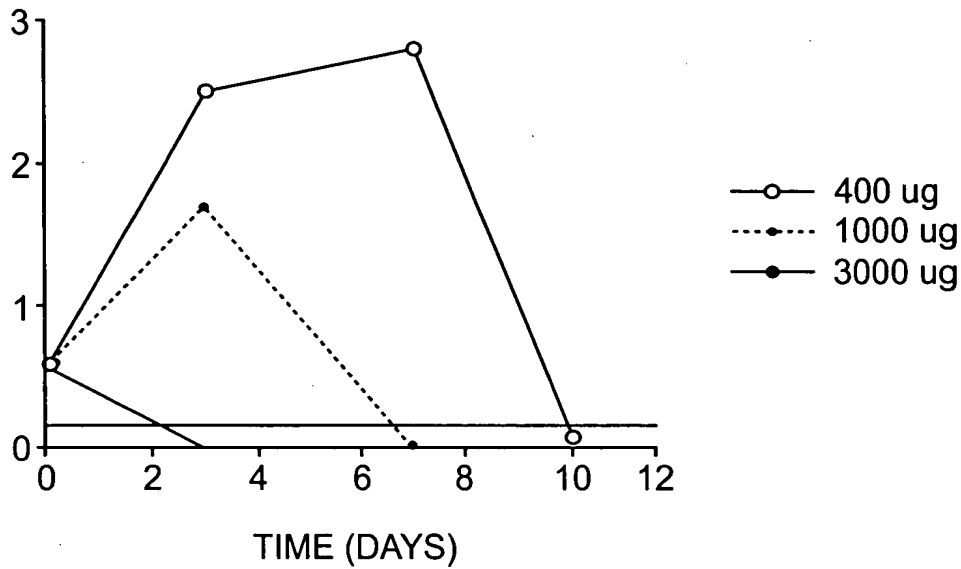
**FIG. 9**

FOOT " 94591850

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE		

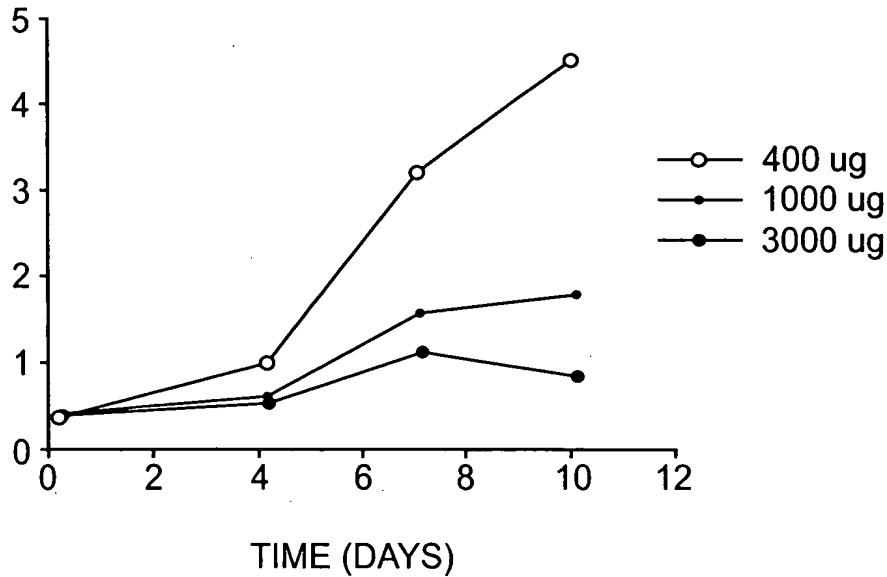
G418 TREATMENT OF UNTRANSFECTED BFF CELLS

AVERAGE NUMBER CELLS ( $1 \times 10^6$ )/PLATE



**FIG. 10**

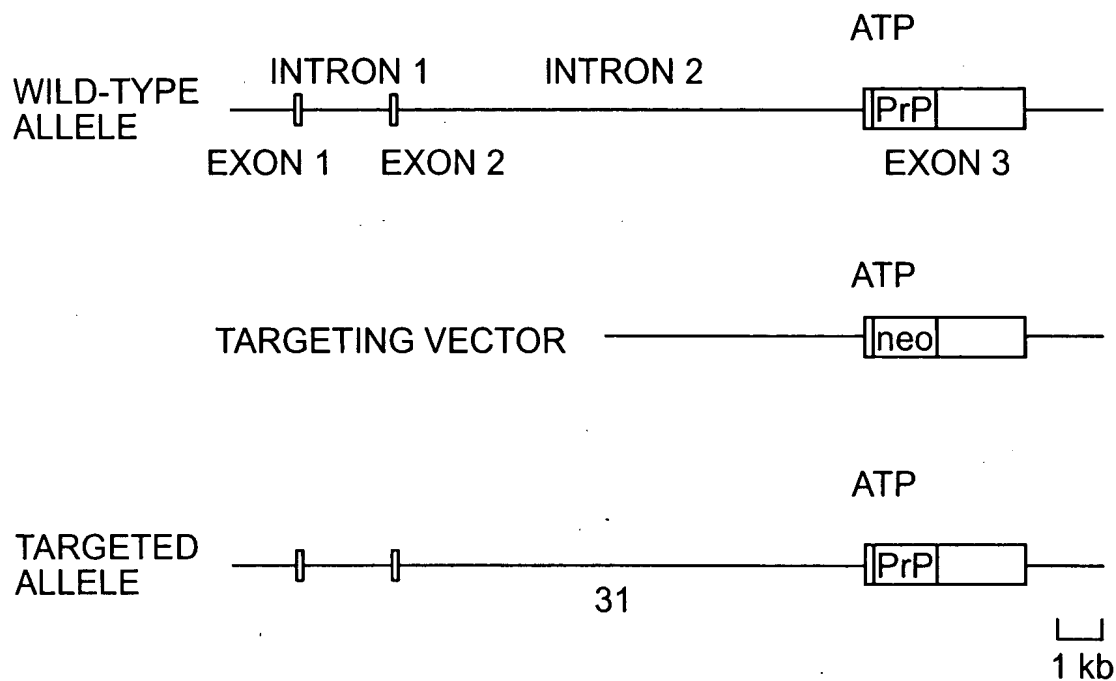
AVERAGE NUMBER CELLS ( $1 \times 10^6$ )/PLATE



**FIG. 11**

FIG. 10

# GENOMIC DNA ORGANIZATION OF BOVINE PrP AND THE GENE TARGETING STRATEGY



**FIG. 12**

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